

Title (en)
MINIATURE SIMULTANEOUS VISION SIMULATOR INSTRUMENT

Title (de)
MINIATURSIMULATORINSTRUMENT FÜR GLEICHZEITIGE SICHT

Title (fr)
INSTRUMENT MINIATURISÉ SIMULATEUR DE VISION SIMULTANÉE

Publication
EP 3053512 A4 20170614 (EN)

Application
EP 14850541 A 20140925

Priority

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Abstract (en)
[origin: EP3053512A1] The invention relates to a miniature simultaneous vision simulator instrument with various image-forming channels, each one of which projects, onto the retina of the same eye, a component image with a different degree of defocusing of the same observed object, such that the superposition of all of the component images forms a final simultaneous vision image on the retina of the eye. The instrument has at least one adjustable variable focus lens that, as the focus is changed, modifies the vergence of the light beam passing through said adjustable lens. Furthermore, one of the image-forming channels passes through the adjustable variable focus lens. The instrument can operate in the modality of optical channels that are physically differentiated in the modality of temporal channel multiplexing.

IPC 8 full level
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Citation (search report)

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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